

EXECUTIVE SUMMARY

Date Summary Prepared: November 15, 2012

Mine Name: Colton Limestone Quarry	I.D. Number: M/049/0079
Operator: Nelco Contractors, Inc	Date Original Notice Received: August 18, 2010
Address: PO Box 282 Price, Utah 84501	County: Utah
	New/Existing: New LMO
	Mineral Ownership: Fee
Contact People: Jason Frandsen and Larry Jensen	Surface Ownership: Fee
Telephone: 435-637-3495	Lease No.(s):

Life of Mine: 20 plus years (5 years for phase 1).

Legal Description: Portions of the NW1/4 of Section 36, Township 11 South, Range 8 East, SLBM, Utah County, Utah.

Mineral(s) to be Mined: Limestone

Acres to be Disturbed: 28.7

Present Land Use: Grazing, Wildlife habitat

Postmining Land Use: Grazing, Wildlife habitat

Variances from Reclamation Standards (Rule R647) Granted: No variances are granted with this permit

Soils and Geology

Soil Description: Soils in the area are classified as silty loam to silt clay loam. The are shallow, ranging from zero to 15 inches over the limestone to be mined. An average of 4 inches of soil will be salvaged for reclamation. Additional subsoil between shallow limestone lenses will also be salvaged for use in reclamation.

pH: The pH as determined by lab analysis is 7.8.

Special Handling Problems: Soils are low in phosphorus and potassium and may require amendments for reclamation.

Geology Description: The limestone to be mined is from the Tertiary Flagstaff Limestone formation. It averages 10 feet thick in the mine area.

Hydrology

Ground Water Description: Past mining in the area has not encountered ground water, and there are no indications the operation will encounter or affect ground water. Beaver Creek, which is about 1/4 mile to the east of the proposed operations, is approximately 200 feet lower in elevation.

Surface Water Description: Other than Beaver Creek, there are no perennial surface waters associated with this operation. A small unnamed ephemeral drainage runs through the project area. Water within the permit area will drain to a low spot within the pit. No water discharges are expected.

Water Monitoring Plan: There are no anticipated impacts to the hydrologic resources in the area, and there is no requirement for water monitoring.

Ecology

Vegetation Type(s); Dominant Species: The project area is located in a mountain shrub community. Dominant species include Wyoming big sage, rabbitbrush, cushion phlox, Indian ricegrass and western wheatgrass. Vegetation ground cover was estimated at 45 percent, so the revegetation success standard would be 31.5 percent cover.

Wildlife Concerns: There are no known threatened or endangered species or their habitat on the project area. There are also no known sensitive species that depend on the area. Most of the site is considered summer range for deer and elk. With no perennial water and no hiding cover for big game, the area is not significant habitat.

Surface Facilities: There will be no permanent facilities at this site. Other than the mining equipment, portable crushers and screens will be used.

Mining and Reclamation Plan Summary:

During Operations: After topsoil is salvaged, the limestone will be broken up with pneumatic hammers or may be drilled and blasted. Loose material will be crushed and screened on site and stockpiled. Finished product will be trucked from the site. Fugitive dust will be controlled with water sprays on the equipment and daily watering of travel areas. The operator has and will maintain an Air Quality Approval Order from the Division of Air Quality.

After Operations: The area will be reclaimed to grazing and wildlife habitat land uses. The pre-existing access road to the property will remain for use by the landowner. Slopes will be graded to 3H:1V, including backfilling the 10-15-foot highwall. After grading, the salvaged topsoil will be replaced and amended as appropriate. Seeding with grasses, forbs and shrubs will be done in the fall.

Surety

Amount: \$151,300.00

Form: Unknown at this time.

Renewable Term: 5 years

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